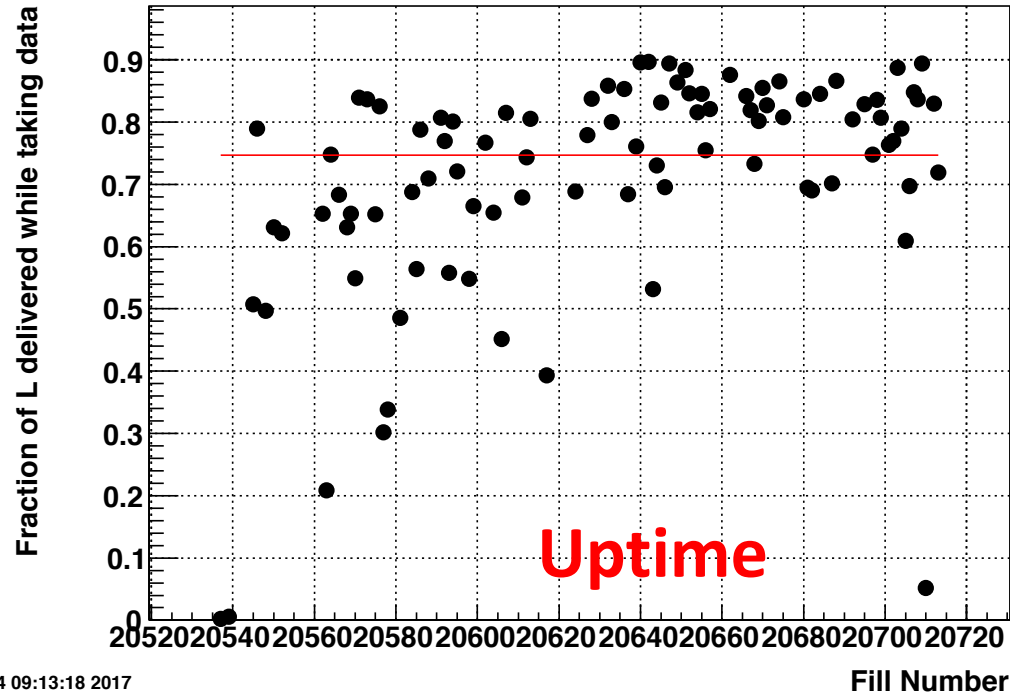


# STAR Status Report

Shuai Yang

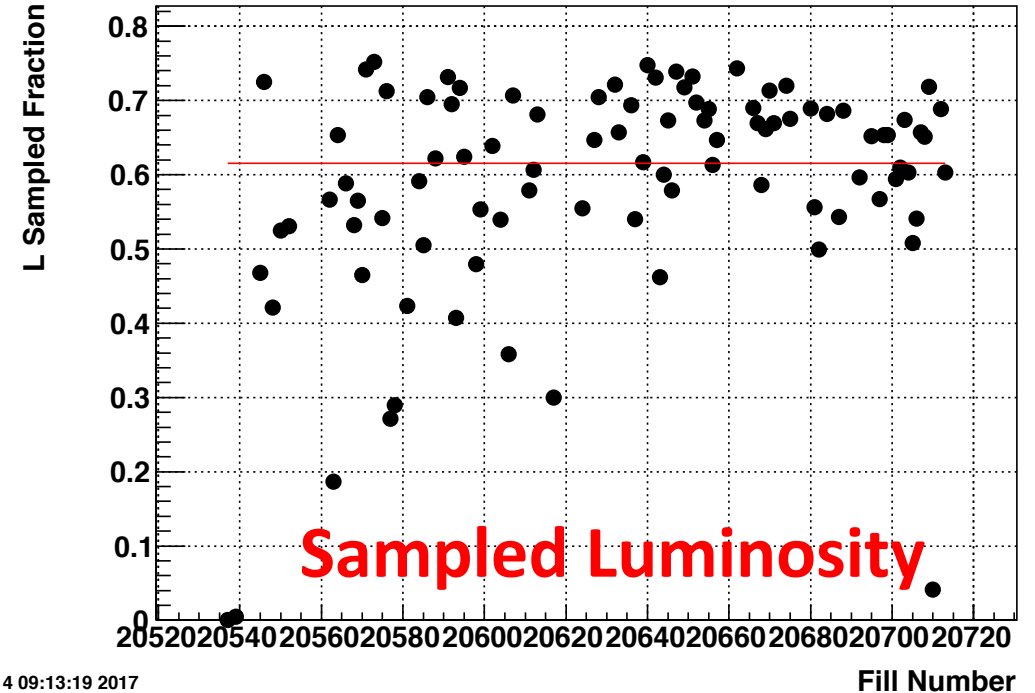
# STAR operation

Fraction of L delivered while taking data



Tue Apr 4 09:13:18 2017

L Sampled Fraction



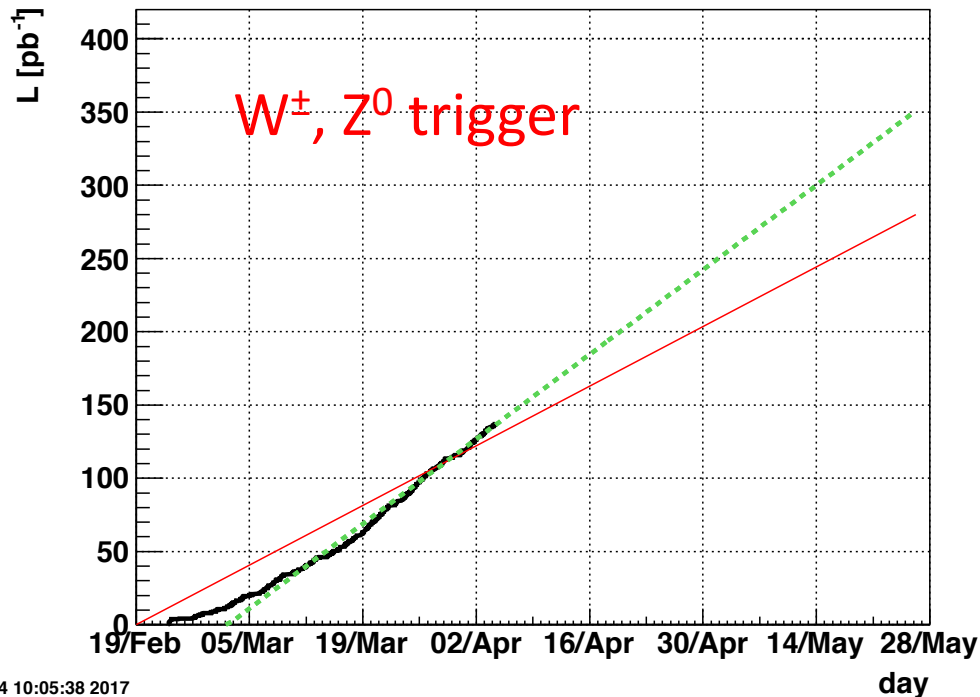
Tue Apr 4 09:13:19 2017

- STAR is running smoothly
- MTD included in last Monday is running well
  - A blue prefire protection is still needed to run safely

# Current projection on data set goals

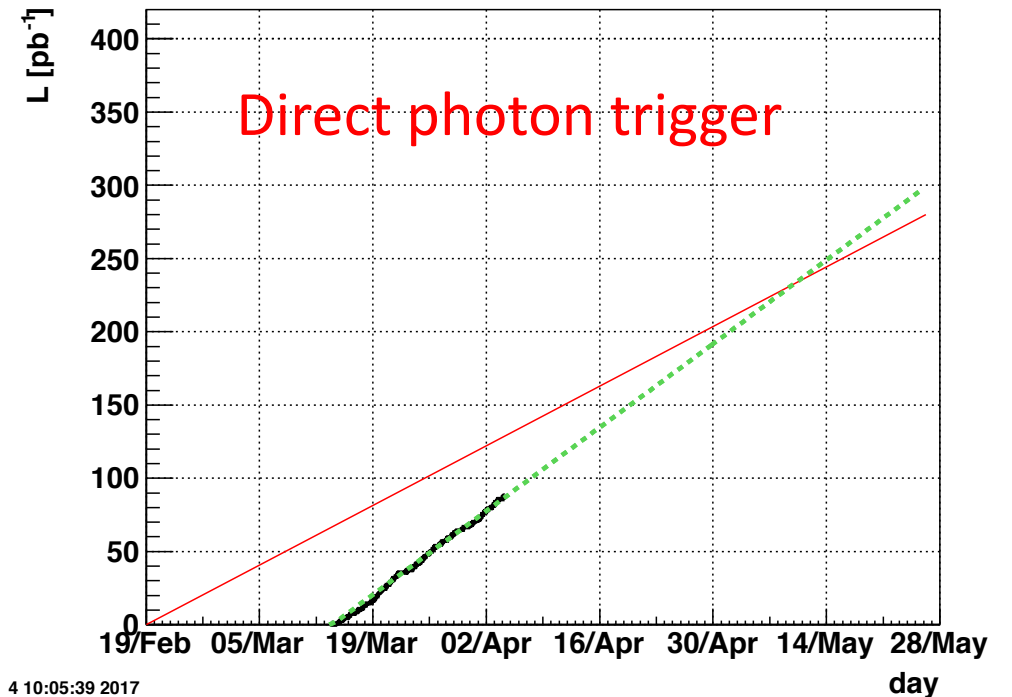
- Weak Bosons & Dell-Yan measurements in the BUR assumed:  
*RHIC delivered Luminosity of  $400\text{pb}^{-1}$  \* STAR Luminosity sampling efficiency =  **$280\text{pb}^{-1}$  sampled luminosity***

BHT3



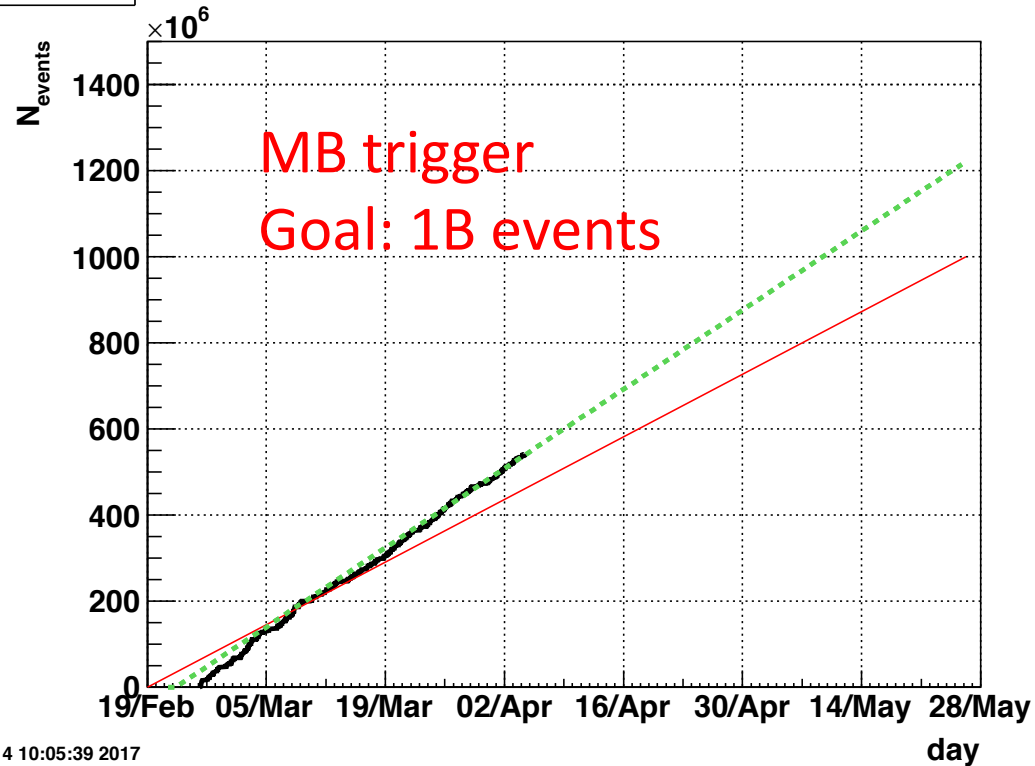
Tue Apr 4 10:05:38 2017

FMS-sm-bs3



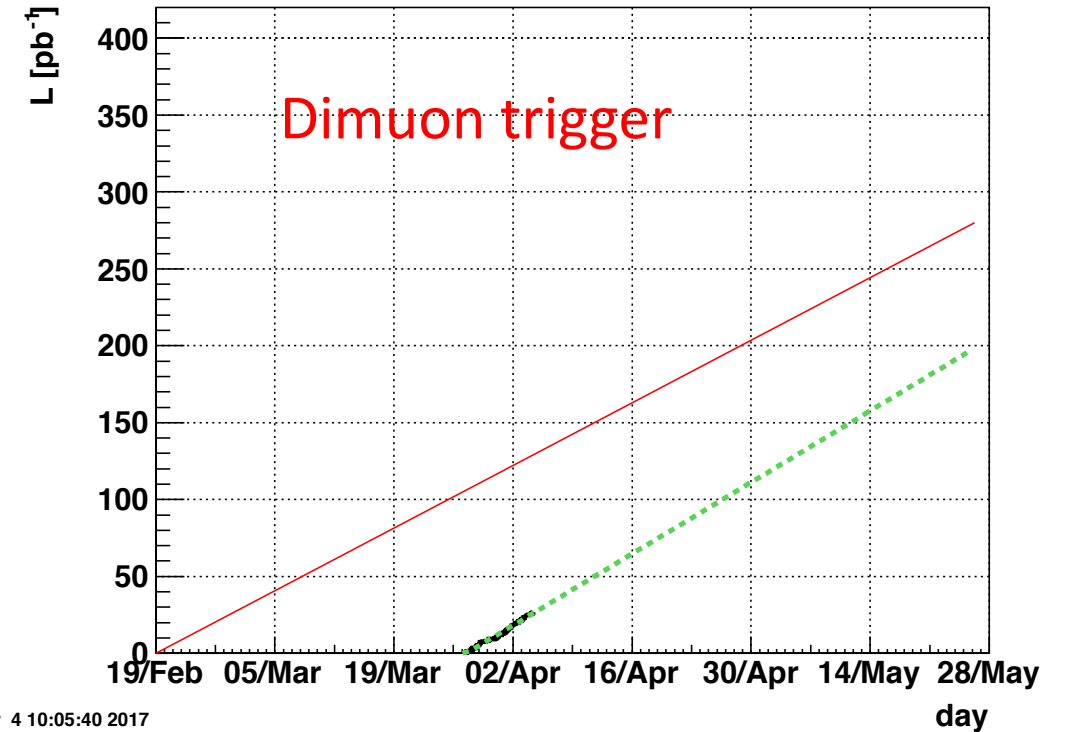
Tue Apr 4 10:05:39 2017

VPDMB-30



Tue Apr 4 10:05:39 2017

dimuon



Tue Apr 4 10:05:40 2017

- The slope of dimuon trigger projection is sharper than that of our goal, and we will sample dimuon data as much as we can.